



HASTINGS
air energy control, inc.

 **ORIGINAL**

Source Capture Exhaust System (SCES)
Date: December 10th, 2018 4:30 PM
City of Willoughby Hills, Division of Fire
OH 44094



Hastings Air Energy Control, Inc.

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Liberty Twp., OH 45011

Willoughby Hills Fire - QUOTE PER REQUEST

\$64000

Scope

Hastings Air Energy Control shall provide and install a complete Plymovent exhaust removal system for the Willoughby Hills Fire Department. The system has been designed to handle a total of fire (6) apparatus. The system includes an appropriate fan and will be fitted with a silencer and backdraft rain cap. A control box is to be provided and installed with a master disconnect to be located in the area of the fan motor.

The system used is the **Straight Rail System (STR)** Single Simple Drop. Each vehicle will be equipped with a **BLACK ARMOUR Magnet Grabber** that connects with one simple motion and disconnects automatically upon vehicle exit. All hoses will be 4" in diameter. All drops will be fitted with optional safety disconnect handles.

All duct work is designed and will be installed to meet all standards. Duct is designed to maximize all airflow principles. System will be balanced to ensure proper airflow at each drop.

Mechanical installation will be done by Hastings' factory certified installers. All electrical will be provided using a Hastings electrician. All necessary tailpipe modifications will be completed by Hastings Air Energy. All equipment and workmanship is covered by a complete 5 year warranty covering all parts and labor.

Commissioning of system and training to all department personnel will be provided by Hastings upon completion of installation.

System Components

- 1 30ft Straight Rail systems complete
- 4 20ft Straight Rail systems complete
- 1 Simple drop or rear apparatus
- (6) High temperature upper hose assemblies
- (6) Magnetic Grabber nozzles
- (1) 7.5HP Fan exhaust fan complete with silencer & back-draft rain cap
- (1) Control panels and wireless control sensors for system activation

System warranty is 5 YEARS PARTS and LABOR on all system components and 10 YEAR on all aluminum extrusions.

Optional Equipment

Unifilter + \$1900

Small Tool Fume Extractor + \$2800

Upgrade to STR Track System add \$2000

Deduct for removal of Safety Disconnect Handle - (\$2500.00)